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Annual R.O.P. and Performance Test Summary 1959-1960



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Agricultural Research Service
August 1961 ARS 44-7

UNITED STATES DEPARTMENT
OF AGRICULTURE



INTRODUCTION

This report includes the records of ROP Candidate flocks and lists of breeders whose stocks are qualified for the U. S. Performance Tested Parent Stock classification.

The ROP Candidate Records were compiled from trapnest records obtained on the breeder's farm, for ROP female qualification. At the end of the trapnest period, all performance records for the candidates are summarized by the ROP supervisor and submitted to the Animal Husbandry Research Division for publication. Qualification of ROP females may be based on any one of four measurements of production. The basis for qualification of females used for each flock is indicated in the report by the letters A, B, C or D. The qualification requirements indicated by these letters are:

- A - Individual birds, 219 eggs in 365 days.
- B - Individual birds, 60% production for at least 10 months.
- C - Families of 6 or more, 65% production for at least 10 months.
- D - Families of 8 or more, 70% production for at least 13 weeks.

The qualification of stocks for the U. S. Performance Tested Parent Stock classification is based on the performance of the stock in acceptable random sample tests after proper application by the breeder to the Official State Agency. Classification as U. S. Performance Tested Parent Stock for eggs is based on the performance of the test entries in income over feed and chick costs and for meat it is based upon rate of growth and egg production. The performance records of the candidate stocks are not included herein since they have been reported in other publications. The 1959-60 records for egg production stocks were included in ARS 44-79-1, "Random Sample Egg Production Tests - Combined Summary 1959-60" and for meat production stocks in ARS 44-95, "Chicken Meat Production Tests." Records for both types of stocks in 1958-59 were published in ARS 44-7, "Annual ROP and Performance Test Summary - 1958-59."

The classification, U. S. Performance Tested Parent Stock, may be retained for one year after qualification, provided the stock is maintained under the supervision of the qualifying breeder and is mated in the same combination, and for one more year if it is continuously represented by an entry for such classification. The list of qualified stocks includes those which qualified in the 1958-59 and the 1959-60 test periods.

The detailed provisions for qualification as U. S. Performance Tested Parent Stock and U. S. Record of Performance products are contained in USDA Miscellaneous Publication 739, "The National Poultry and Turkey Improvement Plans and Auxiliary Provisions."

ABBREVIATIONS OF STOCK DESIGNATIONS

WL	White Leghorn	PS	Pure Strain
WPR	White Plymouth Rock	SX	Strain Cross
RIR	Rhode Island Red	BX	Breed Cross
DW	Dominant White	INX	Inbred Cross

OTHER INFORMATION AVAILABLE

Other publications relating to performance testing of poultry are available upon request to Poultry Research Branch, Agricultural Research Service, Beltsville, Maryland.

- ARS 44-79 - Egg Production Tests
- ARS 44-95 - Chicken Meat Production Tests
- ARS 44-13 - Turkey Performance Tests.

ROP CANDIDATE RECORDS
Single-Comb White Leghorn

Breeder's Name and Address	Pullets of this breed and variety					Qualifying for ROP			Qualifying basis	Ave. for birds entered				1960 Single-Male Matings		Years in ROP
	On Farm	Trap-nested for ROP entry	With-drawn	Entered ROP		Number	Percent	Percent 365-day basis		Egg Prod. 10-365 mos. day basis	Weight lbs.	Body Weight oz.	Num-ber	Females in mat-ings		
				Ind. Pedit-greed	Total											
															(a)	
Brender's Leghorns Ferndale, New York	40,000	7,769	1,851	5,918	5,918	3,541	59.8		B	61.0	25.0	208	3,120	17		
Cashman's Leghorn Farm Webster, Kentucky	4,339	1,650		1,650*	1,650	1,034	62.7		B	60.7	24.6	4.1	*	16		
Edmonds Trapnest Leghorns Luverne, Minnesota	1,304	500		500	500	351	70.2	70.2	A		242	25.1	4.6	22		
Fletcher, J. O. & Son Concord, North Carolina	5,000	600	185	415	415	325	78.3		B	73.9	23.8	28	560	10		
Foreman Poultry Farm Lowell, Michigan	700	265	10	229	255	159	62.4		B	63.1	25.5	6	75	10		
Gasson's Poultry Farm Versailles, Ohio	11,479	2,174	29	2,145	2,145	1,927	89.8		B	74.5	24.6	33	585	35		
Hanson, J. A. Leghorn Farm Corvallis, Oregon	8,000	1,683	85	1,283	1,598	1,164	72.8	72.8	A		253.1	25.2	4.65	26		

Rhode Island Red

Avery, C. T. and Son Colrain, Massachusetts	5,040	989	63	926	926	472	51.0		B		52.0	24.6	5.6	16	151	32				
Harco Orchards & Poultry Fr So. Easton, Massachusetts	2,958	1,646		1,646	1,646	1,405	85.4	85.4	A			273.5	27.9	6.4	19	288	18			
Hardy, C. Nelson & Son Essex, Massachusetts	1,964	648		648	648	514	79.3		B		64.3	25.2	5.6	22	216	18				
Haws, Geo. G. (Del Rio Fr.) Rt. 1, Box 460 Mesa, Arizona	2,443	200	16	184	184	151	82.1		D			25.2		14	125	19				
Norfolk Co. Agric. School Walpole, Massachusetts	936	366		366	366	210	57.4		B		57.7	25.1	5.5	14	86	35				
Parmenter Reds, Inc. Franklin, Massachusetts	11,098	2,099		2,099	2,099	1,237	58.9		B		56.6	26.1	5.2	44	432	33				
Pineland Red Farm Maysville, South Carolina	580	433		433	433	252	58.2	58.2	A			215.9	23.9	9	78	23				

* All breeding pens had multiple full brothers heading pens. No single male matings.

ROP CANDIDATE RECORDS
White Plymouth Rock

Breeder's Name and Address	Pullets of this breed and variety					Qualifying for ROP			Ave. for birds entered				1960		Years in ROP	
	On Farm	Trap-nested for ROP entry	With-drawn	Entered ROP		Number	Percent	Percent 365-day basis	Egg Prod.		Body Weight	Weight	Single-Male Matings			
				Ind. Pedit-greed	Total				10-mos. basis	365 day basis			Num-ber	Females in mat-ings		
Anderson, Ralph W. Hanover, Massachusetts Blue Diamond Poultry Farm Redwood Falls, Minnesota Botkin Poultry Farm Berea, Kentucky Lawton, A. C. & Sons Foxboro, Massachusetts Lee's Poultry Farm Brookville, Ohio	(a) No. 7,297 1,200 2,000 3,273 1,322	(b) No. 486 400 439 826 338	(c) No. No. 400 2 338	(d) No. 486 400 439 824 338	(e) No. 486 400 439 824 338	(f) 337 285 351 577 231	(g) 69.3 71.3 80.0 70.2 68.3	(h) Percent 365-day basis	(i) B A B B B	(j) % 60.6 67.8 63.2 58.2	(k) No. 233 26.2	(l) oz. 25.9 26.1 25.1 24.9 26.2	(m) lbs. 6.5 7.2 5.6	(n) 15 19 12 22 10	(o) No. 125 210 192 345 145	(p) 6 19 16 28 12

Barred Plymouth Rock

Bishop, R. Walter Guilford, Connecticut	66	66		66	66	36	54.5	54.5	A		199	23.8	5.8	26	141	33
Harco Orchards & Poultry Fr. So. Easton, Massachusetts	7,739	2,364		2,364	2,364	2,050	86.7	86.7	A		262.7	25.8	6.2	23	336	18
Parmelee, Harold R. Rockfall, Connecticut	7,000	750		750	750	486	64.8		B	61.7		26.1	6.0	16	222	17

New England Whites

Norfolk Co. Agric. School Walpole, Massachusetts	200	137		137	137	62	45.3		B	53.7		25.1	5.0	6	24	4
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Black Australorps

Edmond's Trapnest Leghorn Luverne, Minnesota	797	500		500	500	332	66.4	66.4	A		227	24.6	5.9	7	134	19
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California Grays

Edmond's Trapnest Leghorn Luverne, Minnesota	662	300		300	300	136	45.3	45.3	A		197	25.0	5.9	8	143	4
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CHICKEN STOCKS QUALIFIED AS U. S. PERFORMANCE TESTED PARENT STOCK FOR EGGS, 1958-59 AND 1959-60

Breeder	Stock	
	1958-59	1959-60
Babcock Poultry Farm, Inc., Ithaca, New York	WL, SX, Babcock Bessie	WL, SX, Babcock Bessie
Cameron Hatchery, Beaver Springs, Pennsylvania	WL, SX, Cameron DMX	
Cashman's Leghorn Farm, Webster, Kentucky	WL, SX, Hi-Cash	WL, SX, Hi-Cash
Cunningham, John, Beaver Falls, Pennsylvania	WL, PS, Group 458	
Darby Leghorn Farm, Somerville, New Jersey	WL, SX, Darby DX	WL, SX, Darby DX
Ghostley's Poultry Farm, Anoka, Minnesota		WL, SX, Ghostley Pearl
Hansen's Leghorn City, 6003 N. Meridian, Puyallup, Washington	WL, SX, Criss Cross 60 & 61	WL, SX, Criss Cross H-25
Heisdorf & Nelson Farms, Inc., Box 428, Kirkland, Washington	WL, SX, "Nick Chick"	WL, SX, "Nick Chick"
Honegger Breeder Hatchery, Forrest, Illinois	WL, SX, Honegger Layer	WL, SX, Honegger Layer & H-62
Hubbard Farms, Inc., Walpole, New Hampshire	BX, 496	
Hy-Line Poultry Farms, 1206 Mulberry, Des Moines, Iowa	INX, Hy-Line 934A, 934B, 934C	INX, Hy-Line 934C
Keystone Poultry Breeding Farm, Ephrata, Pennsylvania	WL, SX, Keystone	
Lawton, A. C. & Sons, Foxboro, Massachusetts		BX, Buff Sex-Links
Mt. Hope Div., Arbor Acres Farm, North Stonington, Connecticut	WL, SX, Mt. Hope Queen	
Nimton Leghorn Breeding Farm, Bridgeton, New Jersey	WL, SX, Nimton	WL, SX, Nimton
Rapp Leghorn Farm, Inc., Farmingdale, New Jersey	WL, SX, Rapp Line Cross	WL, SX, Rapp Line Cross
Reuter's Leghorns, Route 1, Holland, New York	WL, SX	
Schaible, Louis D., Shiloh, New Jersey	WL, SX, Commercial	WL, SX, Com. #1 K-Cross & Com. #2
Townline Poultry Farm, Zeeland, Michigan	WL, SX, Townline #30	WL, SX, Townline #30
Vancrest Farm, Hyde Park, New York		BX, All Red
Warren, J. J., North Brookfield, Massachusetts	RIR, PS & BX, Sex-Sal-Links	EX, Sex-Sal-Links
Welp's Breeding Farm, Bancroft, Iowa		INX, Welp Line 341

CHICKEN STOCKS QUALIFIED AS U. S. PERFORMANCE TESTED PARENT STOCK FOR MEAT, 1958-59 AND 1959-60

Breeder	Stock	
	1958-59	1959-60
Cobb's Pedigreed Chicks, Concord, Massachusetts and Peterson Breeding Farm, Inc., Decatur, Arkansas	Cobb WPR females and Peterson males	
Hubbard Farms, Walpole, New Hampshire and Charles Vantress Farms, Inc., Duluth, Georgia		Hubbard 39 females and Vantress DW males
Nichols Poultry Farm, Inc., Exeter, New Hampshire and Peterson Breeding Farm, Inc., Decatur, Arkansas		Nichols 108 females and Peterson males
Pilch Poultry Farm, Hazardville, Connecticut and Jeff D. Brown Co., Springdale, Arkansas	Pilch WPR females and Brown's Ledbrest males	
Pilch Poultry Farm, Hazardville, Connecticut and Peterson Breeding Farm, Inc., Decatur, Arkansas	Pilch WPR females and Peterson males	
Pilch Poultry Farm, Hazardville, Connecticut and Charles Vantress Farms, Duluth, Georgia	Pilch WPR females and Vantress DW males	
A. W. Thompson Breeding Farm, Hoschton, Georgia and Peterson Breeding Farm, Inc., Decatur, Arkansas		Thompson NT 777 females and Peterson males
Thompson Hatchery and Breeding Farm, Pottsville, Arkansas	Thompson WPR	



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